Smokeless tobacco can kill.

- The Surgeon General has determined that the use of smokeless tobacco can lead to oral cancer, gum disease and nicotine addiction.⁹
- Users of smokeless tobacco have an increased risk of death from heart attack or stroke.¹²

Smokeless tobacco is toxic.

- Chewing tobacco and snuff contain 28 carcinogens (cancercausing agents). The most harmful carcinogens in smokeless tobacco are the tobacco-specific nitrosamines (TSNAs).¹³
- Nicotine content of smokeless tobacco is highly variable – high doses may present substantial stress on the cardiovascular system.¹⁴

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Phone (866) 787-5247

Website tobaccofree.mt.gov infotobaccofree@mt.gov

Smokeless Tobacco is Addictive and Dangerous

Smokeless tobacco causes cancer, increases the risk of fatal stroke or heart attack, reduces fertility in men and contributes to oral disease.^{2,3,4,5,12}

In 2010, nearly 12% of Montana men used smokeless tobacco regularly.⁷

- 5% of Montana 8th graders, 11% of 10th graders, and 17% of 12th graders have used smokeless tobacco in the last 30 days.⁶
- The percentage of Montana high school seniors who use smokeless tobacco has increased to 17%, from 14% in 2006.6
- 11% of American Indians in Montana use smokeless tobacco.⁷

Smokeless tobacco marketing is regulated by the FDA.

- It is prohibited to sell smokeless tobacco to anyone under 18, sell it in vending machines, or give away free samples in certain situations.8
- It is prohibited for smokeless tobacco product names to be associated with athletic, musical or cultural events.8
- As secondhand smoke restrictions increase, tobacco companies that have traditionally manufactured cigarettes invest in smokeless tobacco manufacturing, research, and marketing.

Flavored smokeless tobacco attracts new users and young people under age 18.

Snuff, snus, dissolvables, and other innovative nicotine addiction devices are being developed and marketed, all to produce nicotine dependence in children who would otherwise avoid tobacco. New products are a current strategy of the tobacco industry to lead youth and others who wish to avoid smoking to believe that these products are not as harmful as smoking tobacco. None of these new products have been proven safe. ¹⁵

(Continued)



- While tobacco industry marketing of cigarettes is in decline, the marketing of smokeless tobacco rose 400% between 1986 and 2006.
- Between 2006 and 2008, marketing of smokeless tobacco by the five major manufacturers rose another 54%, to almost \$548 million.¹¹

Sources

- National Cancer Institute. Smokeless Tobacco or Health: An International Perspective. Bethesda: U.S. Department of Health and Human Services, National Institutes of Health, National Cancer Institute. 1992.
- U.S. Department of Health and Human Services. Preventing Tobacco Use Among Young People: A Report of the Surgeon General. Atlanta: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Office on Smoking and Health, 1994.
- 3. World Health Organization. **Smokeless Tobacco and Some Tobacco-Specific N-Nitrosamines**. International Agency for Research on Cancer Monographs on the Evaluation of Carcinogenic Risks to Humans Vol. 89. Lyon (France): World Health Organization, 2007.
- Campaign for Tobacco-Free Kids. Smokeless Tobacco and Kids. Washington: Campaign for Tobacco-Free Kids, 2009.
- World Health Organization. Summaries and Evaluations: Tobacco Products, Smokeless (Group 1). Lyon (France): World Health Organization, International Agency for Research on Cancer. 1998.
- Montana Department of Public Health and Human Services. Montana Prevention Needs
 Assessment Student Survey 2010. Helena: MT. Montana Department of Public Health and
 Human Services, Addictive and Mental Disorders Division, Chemical Dependency Bureau,
 2010.
- Montana Department of Public Health and Human Services. Behavioral Risk Factor Surveillance System. Helena: MT. Montana Department of Public Health and Human Services, Public Health and Safety Division, 2010 (accessed July, 2012).
- Food and Drug Administration. Regulations Restricting the Sale, Distribution, and Marketing of Cigarettes and Smokeless Tobacco: Consumer Fact Sheet. Rockville: MD. Food and Drug Administration, FDA Center for Tobacco Products (accessed July, 2012).
- Advisory Committee to the Surgeon General. The Health Consequences of Using Smokeless Tobacco. Bethesda: MD. U.S. Department of Health and Human Services, Public Health Service (1986).
- Federal Trade Commission. Federal Trade Commission Smokeless Tobacco Report for 2006. Federal Trade Commission (2009).
- Federal Trade Commission. Federal Trade Commission Smokeless Tobacco Report for 2007 and 2008. Federal Trade Commission (2011).
- 12. Boffetta, P. & K. Straif. Use of smokeless tobacco and risk of myocardial infarction and stroke: systematic review with meta-analysis. BMJ 2009;339:b3060
- National Cancer Institute. Smokeless Tobacco or Health: An International Perspective.
 Smoking and Tobacco Control. Monograph No. 2. NIH Pub. No. 92-3461, September 1992
- 14. Stanfill, S.B., et al., (2011). Global surveillance of oral tobacco products: total nicotine, unionized nicotine, and tobacco-specific N-nitrosamines. Tobacco Control, 20 (3).
- Carpenter, C.M., Connolly G.N., Ayo-Yusuf O.A., Wayne F.G. (2009) Developing smokeless products for smokers: an examination of tobacco industry documents. Tobacco Control 18 (1).
- 16. Tomar, S. (2003) Is use of smokeless tobacco a risk factor for cigarette smoking? The U.S. experience. Nicotine & Tobacco Research 5(4)
- Robert C. Klesges, Deborah Sherrill-Mittleman, Jon O. Ebbert, G. Wayne Talcott, and Margaret DeBon. (2010) Tobacco Use Harm Reduction, Elimination, and Escalation in a Large Military Cohort. American Journal of Public Health 100 (12)

Smokeless tobacco and cigarettes both reinforce nicotine addiction.

- The tobacco industry promotes smokeless tobacco as a compliment or alternative to smoking, suggesting that it can be used alternately with cigarettes.15 Such use is likely to lead to an escalation of nicotine addiction, using both smokeless tobacco and cigarettes.¹⁷
- Previous studies have shown that for adolescent boys who use smokeless tobacco, the odds of becoming a smoker are 3X higher.

